PATGuard Lite

User Manual

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PATGuard Lite

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Introduction

Welcome to PATGuard Lite, Seaward's concise software program for safety record keeping. With its limited functionality and minimal records, PATGuard Lite is easy and simple to use.

Easy upgrade options and record sharing with other PATGuard users is achieved through PATGuard database compatibility across the range. While versatility is provided through the capability of processing data download from most portable appliance testers currently available.

With easy to use and automated features associated with the acclaimed PATGuard style, PATGuard Lite is for users who require a limited straightforward PAT record system.

Installing PATGuard Lite

Note
Before installing PATGuard Lite ensure no other application programs are running.

Installing PATGuard Lite is easy, simply insert the CD into your CD driver. The program should automatically commence the installation.

If the CD does not automatically start up, then use Windows Explorer or other file management applications to select your CD drive, double click with the mouse on the setup.exe file to start the installation.

Follow the on-screen instructions.

Help

The program has an on-line Help facility. Select **Help Topics** from the Help drop down to get help while using the program.

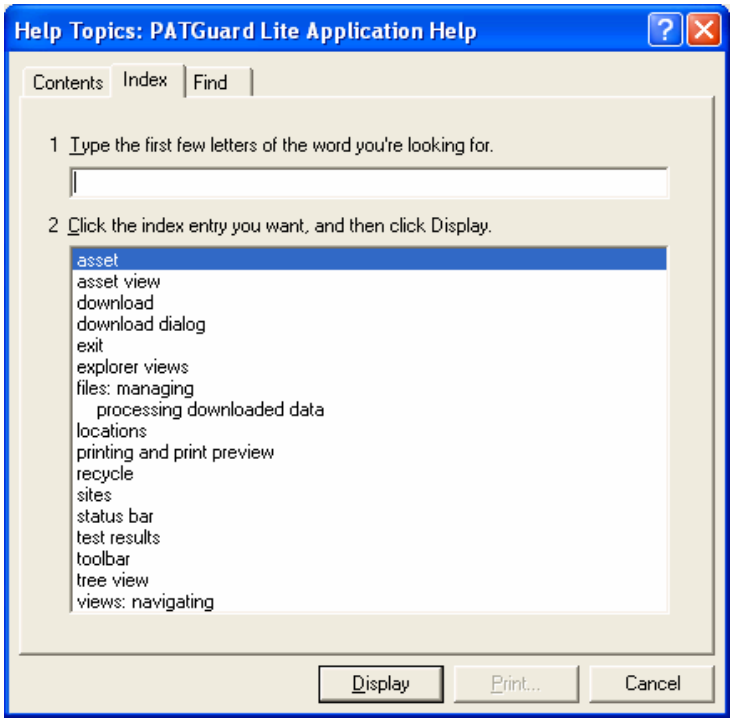

Figure 1: Help Index window

There are three tabs; **Contents**, **Index** and **Find**.

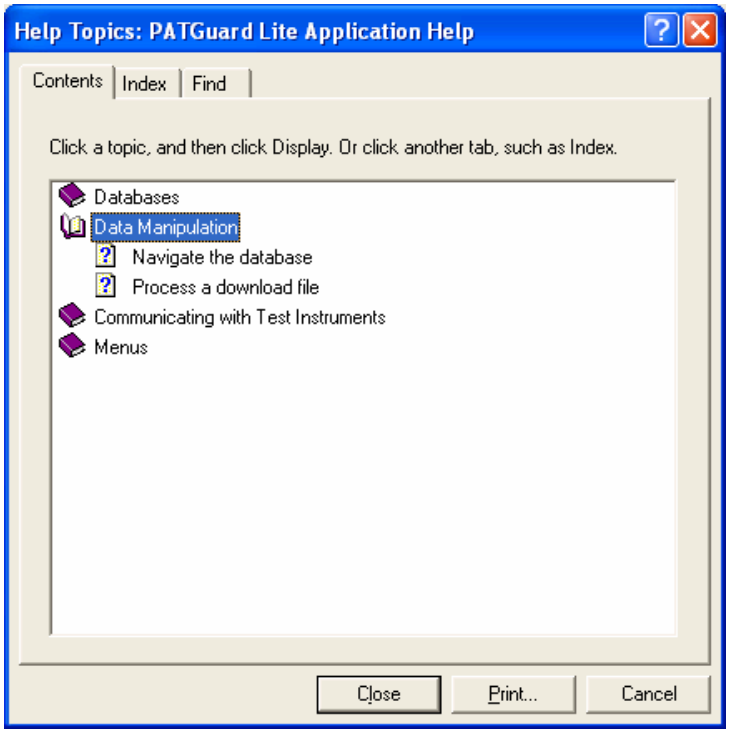

Figure 2: Help Contents window

- **Index** enables you to look for a specific topic, either from the list or by typing into the **Find** field to search for a topic.

- **Contents** enables you to view the Help like a book. The program is covered by a number of books. To open up a book to deal with that section of the program, double click the book with the mouse. Select the chapter in the book you are interested in.

- Selecting the **Find** tab will start the Find Wizard. The wizard will guide you to find the information you seek. Simply follow the on screen instructions.

The Startup Wizard

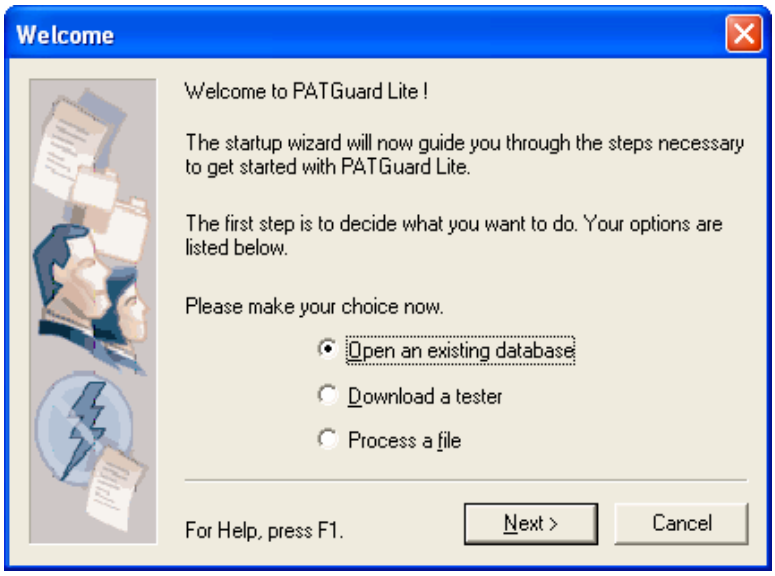
Welcome
Welcome to PATGuard Lite !
The startup wizard will now guide you through the steps necessary to get started with PATGuard Lite.
The first step is to decide what you want to do. Your options are listed below.
Please make your choice now.
Open an existing database
Download a tester
Process a file
For Help, press F1.
Next >
Cancel

Figure 3: Startup Wizard entry window

The Startup Wizard is displayed every time the program is started. It offers a simple choice of the actions available to you.

Open an existing database will allow you to display the records contained within a database file.

Download a tester will enable you to download a tester and create a database file.

Process a file will enable you to process download files including files from PATGuard Work About

Navigating PATGuard Lite

The Main Window

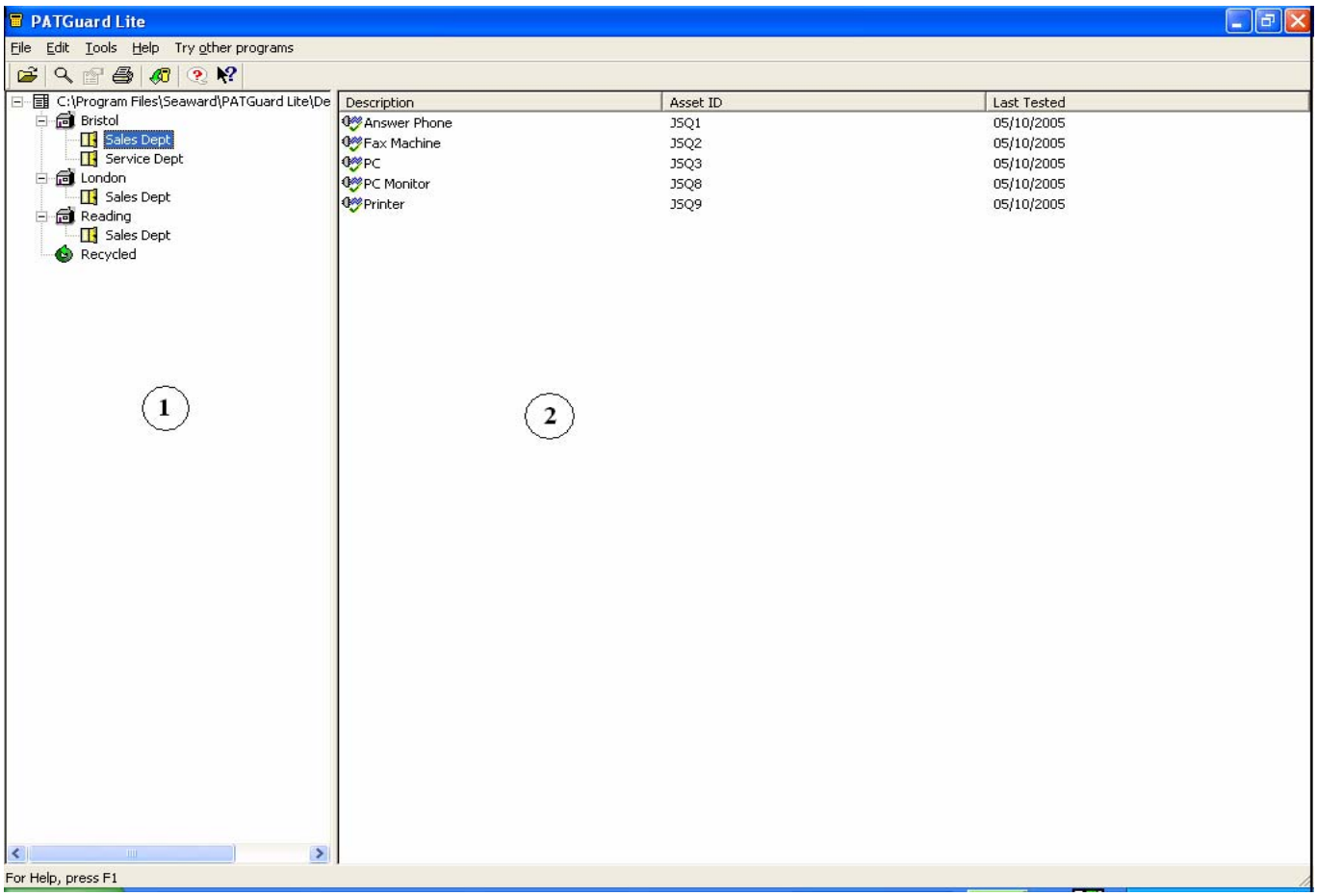

Figure 4: The Main window

❶ The Tree View displays the Site and Location

❷ The Asset display area

Tree Data Structure

PATGuard Lite can only display one database at any one time although a number of databases can be created and selected from.

The PATGuard Lite database is structured around the physical location (Site & Location) of Assets (items requiring testing such as portable appliances).

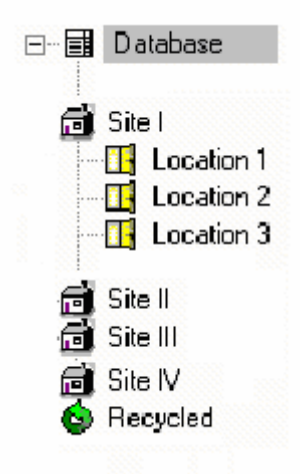

Figure 5: Example PATGuard Lite database tree

A Site may also contain a number of Locations, such as individual rooms or departments.

Asset View

By selecting a Site or Location from within the tree the right-hand view will display all the Assets within the selected Site or Location.

All deleted Assets are placed in the **Recycled** bin. If the bin is emptied they will be deleted permanently. The contents of the bin will be displayed if Recycled is selected. Assets can be retrieved from the bin by selecting the Asset, right mouse click to display the context menu, then select **Restore**.

Context Menus

All Icons have a right mouse button action. The following actions can be initiated from the right mouse button:

Site	Rename Print Test Certificates.. Send to PDA..
Location	Rename Print Test Certificates.. Send to PDA..
Assets	Restore if Recycled bin selected Details.. Test Results.. Print Test Certificate.. Send to PDA.. Delete
Recycled	Empty Recycled Bin

Finding Assets

To quickly find an Asset or group of Assets within the database the program contains a search facility.

From the **Edit** dropdown box select **Find** to display the following window.

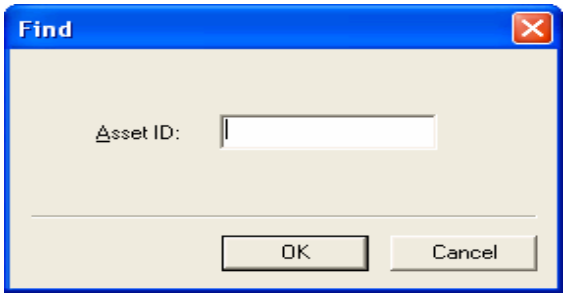

Figure 6: Find window

Type the **Asset ID** then select **OK** to begin the search. The Asset will be shown highlighted when found.

If there is more than one Asset then the **Find Next** action will become available from the **Edit** drop down. Select **Find Next** to highlight other Assets found.

Test Results

Viewing Test Results

From the Asset Details dialog box, selecting the **Test Results** button will display the Test Results for that Asset.

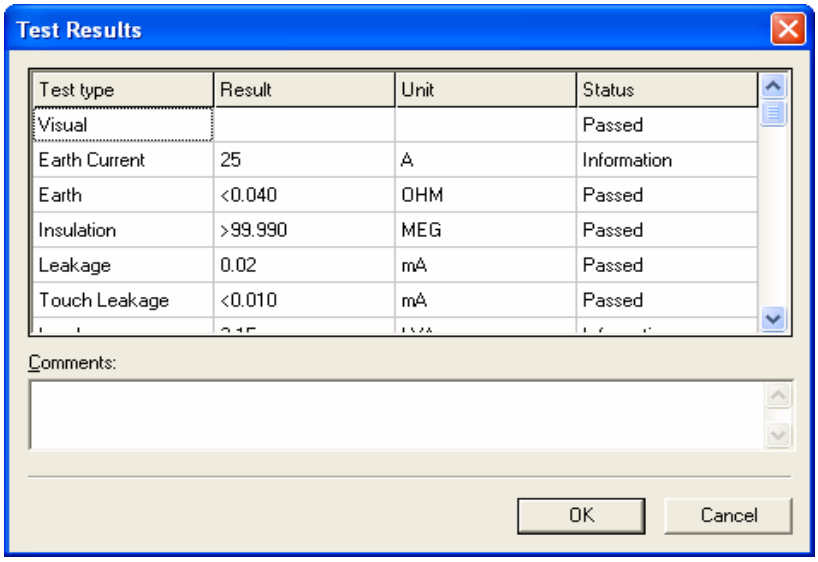

Figure 7: Test Results

Download

Downloading Test Results

Download is initiated from the **Tools** drop down or from the **Download** icon. Selecting either of these will cause the Download dialog box to be displayed.

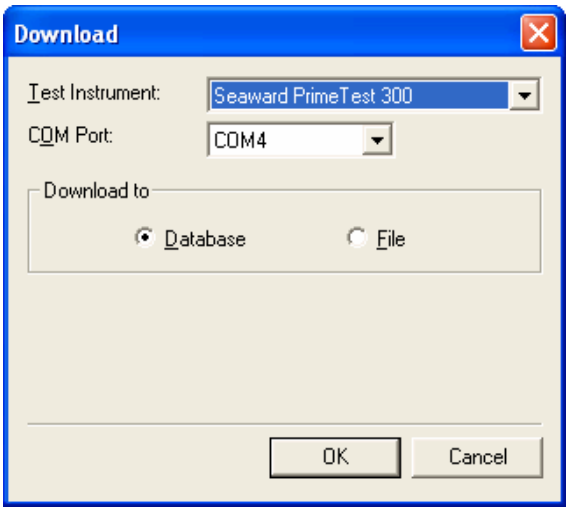

Figure 8: Download dialog box

Downloaded data can either be sent to the database for processing or saved as a file. The file is a copy of the Test Results directly from the tester but saved in a file that can be opened by this and other programs.

Note

The Supernova, Europa and PrimeTest 300 tester series have two download formats; SSS and ASCII text (PATS).

As the SSS format contains all information and the ASCII text output is limited, this program will only accept data in SSS format from these testers. The ASCII text output is for use with non-Seaward programs.

Download to Database

Ensure the **Download to Database** radio button is selected. Choose a tester from the **Test Instrument** drop down. Select the appropriate serial port from the **COM Port** drop down.

Note

Only serial ports that are free and available to the program will be included in the COM Port drop down.

With the tester connected to the appropriate **COM Port**, select **OK** to commence the download. Initiate the download on the tester. See the tester Instruction Manual on how to commence a download action.

Duplicate Test Results

During a download if more than one Test Result with the same Asset ID and Site is detected a warning message is displayed to determine if the second and subsequent Test Results are additional Test Results for the same Asset or a duplicate test. Selecting Yes to the question **Duplicate ?** will cause the second Test Result to be re-routed to a specially created holding Site to be deleted or amended by the user. Selecting No will cause the second Test Result to be appended to the first Test Result's Asset record.

Download to File

Selecting **Download to File** will cause the following dialog box to appear.

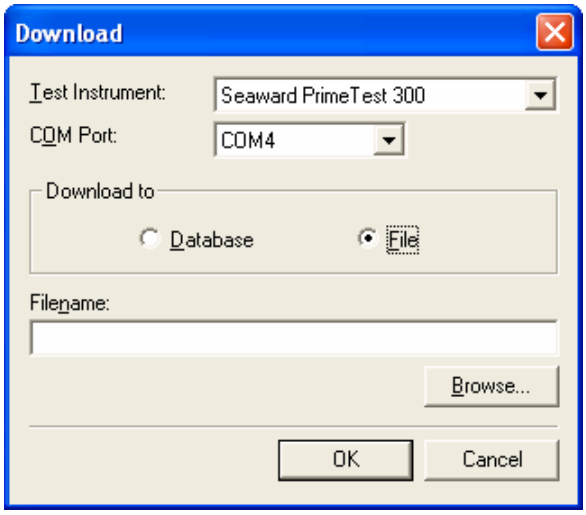

Figure 9: Download dialog box – File

Enter a path and filename or use the **Browse…** button to choose a path available to your computer.

Some tester outputs require **File Type** set to **txt** as they output text ASCII data only. All current Seaward testers have an SSS format and as this format contains all data it is preferred. For these testers ensure that the format is SSS and set **File Type** to **sss**.

Choose a tester from the **Test Instrument** drop down. Select the appropriate serial port from the **COM Port** drop down.

With the tester connected to the appropriate **COM port**, select **OK** to commence the download. Initiate the download on the tester. See the tester Instruction Manual on how to commence a download action.

Downloaded files can be processed into any database (see Processing Files). Downloaded files are processed as if the data was coming directly from a real-time download.

PATGuard Lite Files

Processing Files

Download files from other programs including PATGuard Work About can be processed into a new database. Download files are of two types: ***.txt** for those testers that only download in ASCII text format and ***.sss** for Seaward Super String (SSS) downloads from current Seaward testers or generated by PATGuard Work About.

From the **Tools** drop down select **Process File** then select the path of the file you wish to process. Select the correct **File of type**. Then select **Open**. The following dialog box will be displayed if the file type is text.

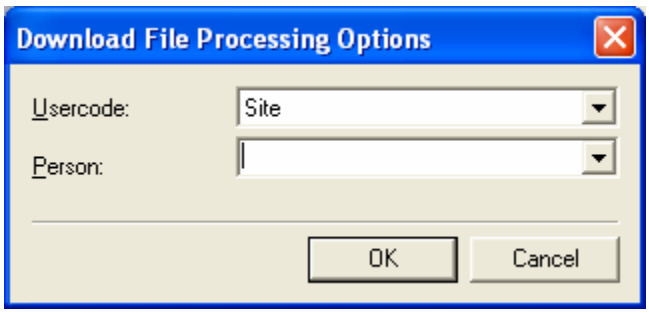

Figure 10: Find window

Text files require a **Usercode** setting which corresponds to the Usercode entered during testing. Use the drop down to select the appropriate setting. A **Person** can be entered and assigned as responsible for the testing. Each entry of a new **Person** will add to the drop down list so that selecting from the drop down will be available later.

As sss files contain all necessary information and do not require Usercodes, the above dialog box is not necessary and is not displayed.

The program will now require a database name to process the file, so the following window will be displayed.

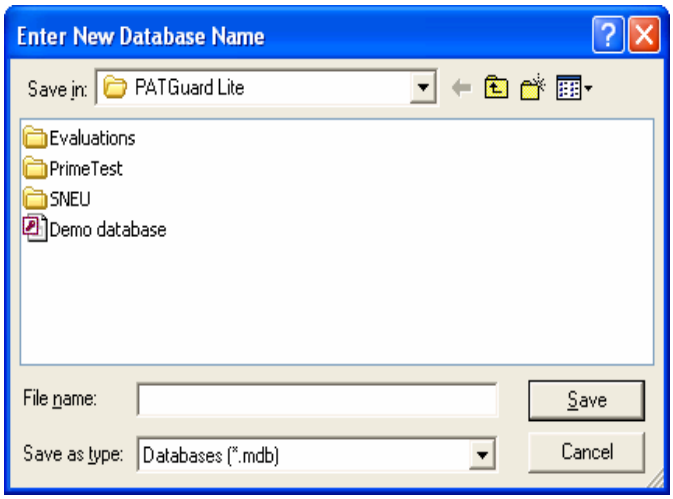

Figure 11: Find window

Enter a new database name and path if necessary then select **Save** to process the file.

The download data will be processed as if it came directly from the PAT tester.

PDA Files

PDA files can be created at any level by selecting the Site, Location, Asset or group of Assets then right mouse click to display the context menu and selecting **Send to PDA…** A **Save As…** window is then displayed to enable a path and filename to be set. The Upload file type is **xpg**. This file when saved will contain a PDA version of the records at the selected level.

These files are used by PATGuard Work About which is the PDA version of this program. For a trial version select **Try other programs** and select PATGuard Work About.

Test Certificate Report

Reports are launched from the main window by selecting a Site, Location, Asset or group of Assets the right mouse click to display the context menu. Select **Print Test Certificate…** Test Certificates will be printed for all Assets below the selected level.

Report Preview

This program will display the Report, as it would be printed.

Use to view other pages.

Use to zoom in or out.

Use to print the current page. Use right mouse button for printer settings.

Use to print all pages. Use right mouse button for printer settings.

Use to attach the Report to e-mail.

Use to save the Report as a file. Use **File Type** to save files other than ***.ll**. (default). Use the Saved Report Viewer within the program group to view saved Reports for **File Type *.ll**. Reports can be saved as pdf files for use with Adobe Acrobat.

Use to exit the Preview.

Utility Software

The PATGuard Lite program group contains two utility programs for use with Supernova and Europa type testers; Tester Software Update and Tester Logo Transfer. These programs have specific actions which help support the Seaward Supernova / Europa range of testers.

There is also a utility program for use with the PrimeTest 300: PrimeTest Blue Tooth Downloader

Tester Software Update

This program is used to update the software in the Supernova / Europa testers.

CAUTION

Do not use this program to update the software in your tester as you may install the wrong software and thus disable the tester. This program is for use with certain accessories which require other tester software to be installed. Information on how to do this is provided with these accessories. It may also be used at the request of Seaward Technical Support or their representatives who may provide a software file.

The following is guidance on using this program should you be requested to do so.

CAUTION

Before updating the tester and any PC software; download the tester (if the results in memory are of value) as it is necessary to CLEAR RESULTS MEMORY and CLEAR UPLOAD MEMORY after the update. Failure to comply with the above will render any results irretrievable after update.

Connect from the tester serial port to the PC serial port with the Download Lead supplied.

From Windows Start select the Seaward PATGuard Lite group (from where the PATGuard Lite program can be launched).

Run the Tester Software Update program. The following screen is displayed:

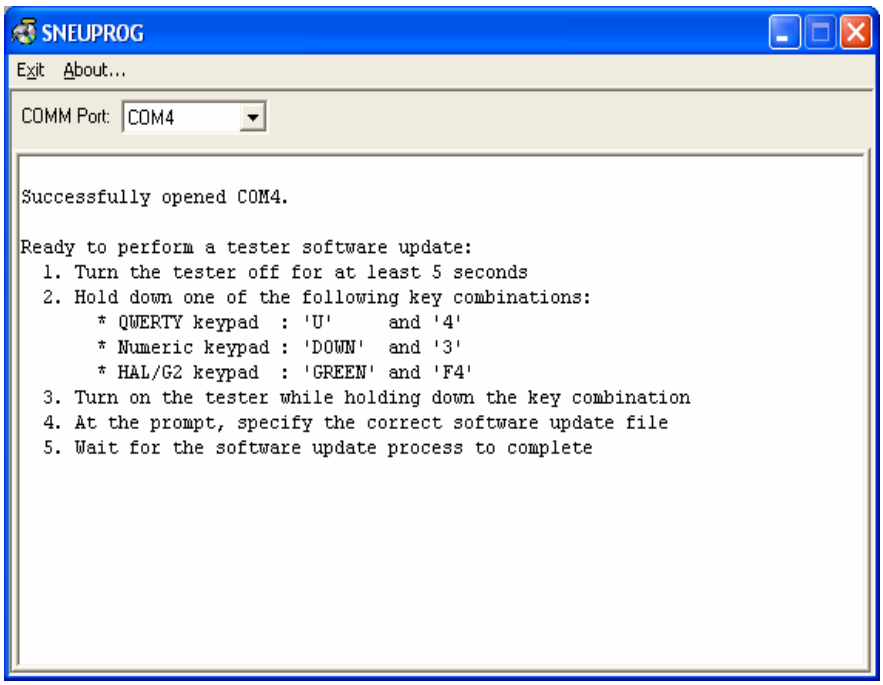
SNEUPROG
Exit About...
COMM Port: COM4
Successfully opened COM4.
Ready to perform a tester software update:
1. Turn the tester off for at least 5 seconds
2. Hold down one of the following key combinations:
* QWERTY keypad : 'U' and '4'
* Numeric keypad : 'DOWN' and '3'
* HAL/G2 keypad : 'GREEN' and 'F4'
3. Turn on the tester while holding down the key combination
4. At the prompt, specify the correct software update file
5. Wait for the software update process to complete

Figure 12: Tester update dialog box

Follow the instruction on the screen to put the tester into Software Update mode.

Note

QWERTY keypad refers to Seaward Supernova Plus, Supernova XE, Supernova, Europa Plus testers, Numeric keypad refers to Seaward Europa testers, HAL/G2 refers to specific Clare tester models.

When the tester and the program have established communications the following screen will be displayed:

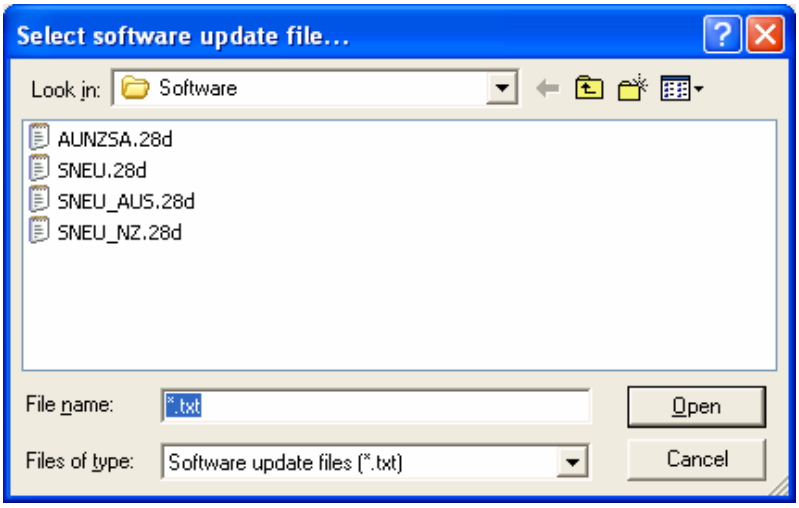

Figure 13: Select software update file dialog box

It is necessary to select the correct software update file to be loaded into the tester. Select and open the appropriate file.

The update to the tester will start automatically, its progress shown in the program window.

When the update has completed successfully, the following screen is displayed:

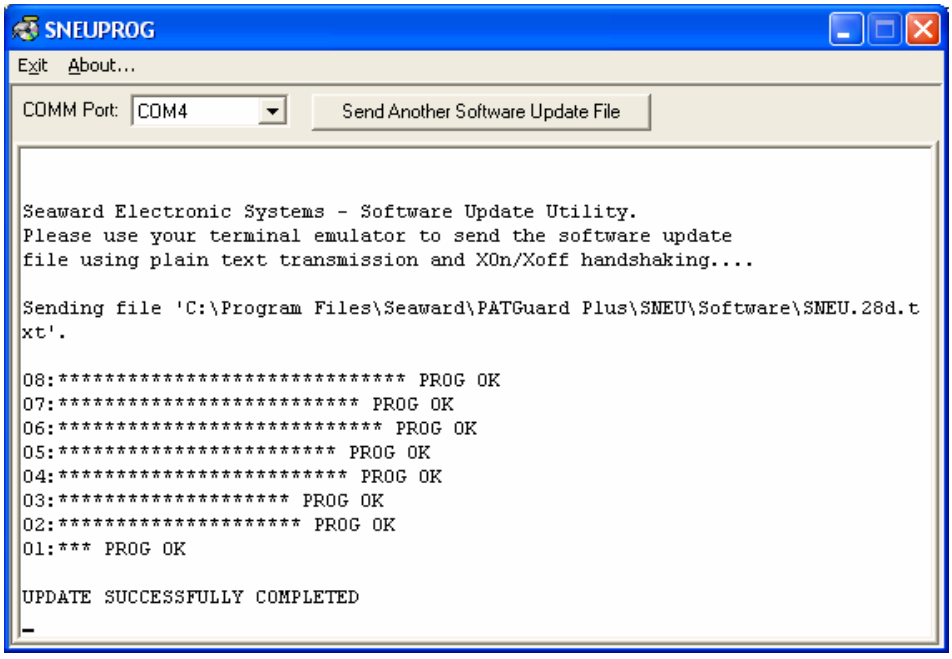

Figure 14: Update successfully completed

Select **Exit** at the Toolbar to close the program.

Note

Should the update fail part way through for whatever reason, perhaps the cable is accidentally disconnected then it is not necessary to re-establish communication. By selecting the button ***Send Another Software Update File*** *the file can be re-selected and sent again.*

To complete the update process on the tester, power off the tester then power back on after about 5 seconds checking that the new software version number is displayed.

It is necessary to restore FACTORY SETTING, CLEAR RESULTS MEMORY and CLEAR UPLOAD MEMORY on the tester to enable the new software to function correctly (see the tester Instruction Manual).

Tester Logo Transfer

This program is used to transfer a label title and a logo to the tester for use with the Seaward Test 'N' Tag System. Full details on using this are provided with the Test 'N' Tag System. This program has no use other than with the Test 'N' Tag System.

Prime Test Bluetooth Downloader

This Utility program is a copy of the program supplied on a CD with the PrimeTest 300 tester. Refer to the PrimeTest 300 Operating Instructions on how to use this program.

Program Specification

The program group consists of:

Seaward PATGuard Lite Help
Seaward PATGuard Lite User Manual
Seaward PATGuard Lite
Saved Report Viewer
Uninstall PATGuard Lite
Tester Logo Transfer
Tester Software Update
PrimeTest Bluetooth Downloader

The program can receive downloaded data from the following PAT testers:

PAT1000	Europa	Ethos 9600	Avo PAT4
PAT1000S	Europa Plus	Ethos 9500	Avo PAT4F
PAT1000X	Europa PAC Plus	Ethos 9300	Robin SmartPAT 5000
IT1000	Europa XE	Clare HAL	Robin SmartPAT 5500
PAT2000	Europa XE Plus	Clare HAL Combi	Metrohm MicroPAT+
PAT2000i	Supernova	Clare SafeCheck 8	Metrel OmegaPAT
PAT2000iee	Supernova Plus	Clare SafeTest Luminaire	Metrel BetaPAT
SEN60204	Supernova XE	Clare SafeTest Manufacturing	
	Supernova XE Plus	Emona Maestro	
	PrimeTest 300		

System Requirements

IBM Compatible PC
Processor Speed 500MHz or higher
Microsoft Windows 98/NT/2000/ME/XP
64Mb RAM
50Mb available hard disk space
Colour monitor with 256 colour (8 bit) or greater video card
CD ROM drive

Accessories

Download lead for:		Part Number	194A907
PAT1000	Robin SmartPAT 5000		
PAT1000S	Metrohm MicroPAT		
PAT1000X			
PAT2000			

Download lead for:		Part Number	194A919
Europa PAC Plus	IT1000		
Europa	PAT2000i		
Europa Plus	PAT2000iee		
Europa XE	SEN60204		
Europa XE Plus			
Supernova			
Supernova Plus			
Supernova XE			
Supernova XE Plus			

PATGuard Elite Upgrade	Part Number	352A934
PATGuard Pro Upgrade	Part Number	352A935

PATGuard Time Manager software	Part Number	334A910
PATGuard Work About software	Part Number	336A910

Warranty and Support

Seaward Electronic Ltd provide a 1 year warranty for this software package (see License Agreement). A pre-requirement for Warranty and Support is that the Warranty Registration card is completed and returned to us within 7 days of installing the program.

Telephone Support is provided free for the first 30 days. To receive Telephone Support after the initial 30 days, a Software Support Agreement would need to be taken out directly with Seaward Electronic Ltd.

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